

Report Date: 27 Apr 2012

**Summary Report for Individual Task
551-882-3127
Plan Highway Network Using Route and Bridge Classifications
Status: Approved**

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: In an operational environment, given an Operation Plan/Operation Order (OPLAN/OPORD), Time Phased Force Deployment Data (TPFDD), Automated Mobility Systems (AMS) and other STAMIS Systems, Commander's guidance, and FM 4-01.011, FM 4-01.30, FM 5-170, FM 3-35, JP 4-01.8, and JP 4-09.

Standard: Implement a Highway Regulation Plan to sustain movements according to the commanders priorities without error, making effective use of road networks in accordance with applicable references.

Special Condition: None

Special Standards: None

Special Equipment:

Safety Level: Low

MOPP:

Task Statements

Cue: None

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: None

Performance Steps

1. Assemble critical information
 - a. OPLAN's, OPORDs, and estimates.
 - (1) Geographic boundaries.
 - (2) Task organization.
 - (3) Operational Priorities
 - (4) Locations of major supply activities
 - (5) Threat
 - b. Engineer route reconnaissance or classification overlays
 - c. Traffic density information.
 - d. Terminals and facilities data.
2. Identify road networks.
3. Recommend Major Supply Routes (MSR) and Alternate Supply Routes (ASR) for G3 and G4 approval.
 - a. Name Main Supply Routes and Alternate Supply Routess (MSR's and ASR's).
 - b. Identify critical points.
 - c. Establish checkpoints on each MSR and ASR.
 - (1) Major crossroads.
 - (2) Locations where road conditions change.
 - (3) Major supply or service areas.
 - (4) Geographic boundaries.
 - (5) Assembly area
 - (6) Other critical points.
4. Establish control measures for each route.
 - a. Open Route.
 - b. Supervised Route.
 - c. Dispatch Route.

d. Reserved Route.

e. Prohibited Route.

5. Identify route formulas and bridge classifications.

6. Determine the type of bridge crossings that can be made on several types of bridges in accordance with Military Load Classification (MLC).

7. Describe vehicle classifications and markings for all types of vehicles and how to calculate the MLC for non-standard vehicles.

8. Determine the MLC based on gross weight, distribution to axles and wheels, width of tires, tire size and pressure, and crossing speed on a bridge.

9. Determine a non-standard vehicle combination temporary MLC.

10. Determine an expedient or temporary MLC for single vehicles with different payloads.

11. Develop A Traffic Circulation Plan.

a. Determine reporting requirements.

b. Develop the Highway Regulation Plan.

c. Staff and coordinate the plan.

12. Submit the plan for approval.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: Warrant Officer requires a logistics estimate in order to successfully complete this task.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Assembled critical information.			
2. Identified road networks.			
3. Recommended Major Supply Routes (MSR) and Alternate Supply Routes (ASR) for G3 and G4 approval.			
4. Established control measures for each route.			
5. Identified route formulas and bridge classifications.			
6. Determined the type of bridge crossings that can be made on several types of bridges in accordance with Military Load Classification (MLC).			
7. Described vehicle classifications and markings for all types of vehicles and how to calculate the MLC for non-standard vehicles.			
8. Determined the MLC based on gross weight, distribution to axles and wheels, width of tires, tire size and pressure, and crossing speed on a bridge.			
9. Determined a non-standard vehicle combination temporary MLC.			
10. Determined an expedient or temporary MLC for single vehicles with different payloads.			
11. Developed A Traffic Circulation Plan.			
12. Submitted the plan for approval.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 4-01	Army Transportation	No	No
	FM 4-01.30	MOVEMENT CONTROL	No	No
	FM 4-01.4	Theater Distribution	No	No
	FM 4-01.40	Army Motor Transport Units and Operations	No	No
	FM 4-01.45	Multi-Service Tactics, Techniques, and Procedures for Tactical Convoy Operations {MCCRP 4-11.3H; AFTTP(I) 3-2.58; NTTP 4-01.3}	No	No
	FM 4-01.50	Transportation Intermodal Units and Operations	No	No
	FM 5-430-00-1	PLANNING AND DESIGN OF ROADS, AIRFIELDS, AND HELIPORTS IN THE THEATER OF OPERATIONS - ROAD DESIGN	No	No
	FM 5-436	PAVING AND SURFACING OPERATIONS	No	No
	JOINT PUB 4-01.8	Joint Tactics, Techniques, and Procedures for Joint Reception, Staging, Onward Movement, and Integration	No	No
	JOINT PUB 4-09	Joint Doctrine for Global Distribution	No	No

Environment: 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training materials, and training doctrine include sound environmental practices and considerations. The Army's environmental standard is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. This lesson meets this standard.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
551-882-2117	Identify interface process between Transportation and Logistics systems.	551 - Transportation (Individual)	Approved
551-882-2107	Integrate Tactical Distribution Operations Within a Theater	551 - Transportation (Individual)	Approved
551-882-2104	Validate Unit Movement Plans for Movement Operations	551 - Transportation (Individual)	Approved
551-882-2110	Process Transportation Documentation	551 - Transportation (Individual)	Approved
551-882-2126	Coordinate Airlift Operations in an Area of Responsibility (AOR)	551 - Transportation (Individual)	Approved
551-882-2118	Employ JOPES in support of Joint Operations.	551 - Transportation (Individual)	Approved
551-882-2101	Conduct Unit Movement Operations	551 - Transportation (Individual)	Approved
551-882-2145	Perform Transportation Coordinator-Automated Information For Movements System II System Administrator Functions	551 - Transportation (Individual)	Approved
551-882-2125	Perform Load planning for all modes of Transportation	551 - Transportation (Individual)	Approved

551-882-2114	Coordinate Trans-shipment of Unit Cargo through Nodes	551 - Transportation (Individual)	Approved
551-882-2115	Identify available assets to meet movement requirements	551 - Transportation (Individual)	Approved
551-882-2127	Determine Lift Requirements for Movement	551 - Transportation (Individual)	Approved
551-882-2103	Manage Training in Unit Movement Operations	551 - Transportation (Individual)	Approved
551-882-2122	Coordinate Transportation support for all Modes of Transportation.	551 - Transportation (Individual)	Approved
551-882-2106	Prepare Transportation Annex for a Brigade Movement Plan or Operational Order.	551 - Transportation (Individual)	Approved
551-882-2100	Identify the Capabilities of the Defense Transportation System (DTS)	551 - Transportation (Individual)	Approved
551-882-2102	Define the Phases of the Joint Deployment Process	551 - Transportation (Individual)	Approved
551-882-2116	Manage Transportation Coordinators Automated Information for Movements System II (TCAIMS II) data to support movement operations.	551 - Transportation (Individual)	Approved
551-882-2112	Monitor Movement of Cargo for all modes of Transportation	551 - Transportation (Individual)	Approved

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-5-0038	Plan Highway Regulation	55 - Transportation (Collective)	Approved
55-1-0054	Provide Highway Regulation	55 - Transportation (Collective)	Approved